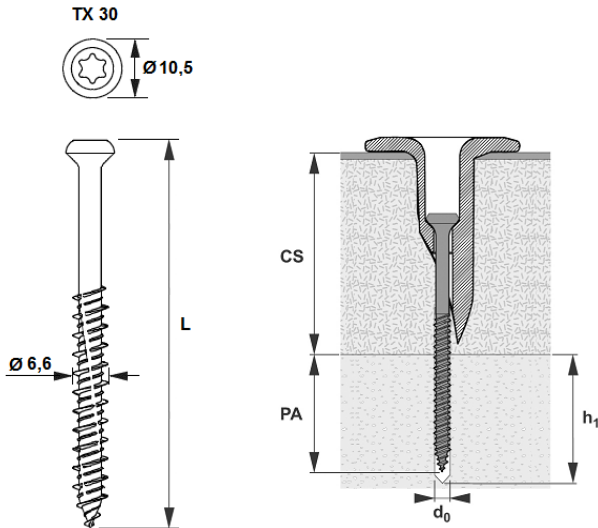


Fabricant : ETANCO (FRANCE)
 Parc les Erables – Bât 1 – 66 route de Sartrouville – BP 49 – 78231 LE PECQ Cedex
 Tel. : +33 (0)1 34 80 52 00 – Fax : +33 (0)1 30 71 01 89

Mounting fastener for mechanically fixed waterproof system

Product name:

BETOFAST TB TX30 / 3C Ø 6,6 mm



Description

Blue self-tapping screw Ø 6,6 mm
 Pan head Ø 10,5 mm – Torx pattern 30
 Hi-low threading and chip breakers
 Pitch 3,38 mm – Sharp point

Length and thickness to clamping (mm):

L (mm)	Mini thickness	Maxi thickness
6,6 x 60	25	40
6,6 x 70	35	50
6,6 x 80	45	60
6,6 x 90	55	70
6,6 x 100	65	80
6,6 x 110	75	90
6,6 x 120	85	100
6,6 x 130	95	110
6,6 x 140	115	120
6,6 x 150	125	130
6,6 x 160	135	140
6,6 x 180	145	160
6,6 x 200	165	180
6,6 x 220	185	200

Anti-corrosion coating according to NF EN 3231 (2I):

• **3C**: Blue **SUPRACOAT 3C** coated steel (30 Kesternich cycles) Accordance: ETAG 006 and class 2 UEAtc



ETA n° 08/0239 issued by the CSTB
 (see next page hitch concerned)

Application

Fastening insulation and waterproofing on:



Concrete

Implantation depth (PA): 20 mm mini to 35 mm maxi

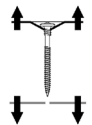
Pre-drilling depth: PA + 30 mm

Pre-drilling diameter: 5 or 5,5 mm depending on concrete grade (test to be performed on site)

Characteristic resistance assembly for fastening

(PK according to NF P 30-313)

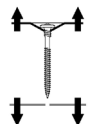
Concrete B25 – Drilling Ø 5 mm – Implantation depth 35 mm
PK = 360 daN



Admissible resistance assembly for fastening

(Q according to e-Cahiers 3563 CSTB)

Concrete B25 – Drilling Ø 5 mm – Implantation depth 35 mm
Q = 237 daN



Recommended tools:

- Hammer drill + concrete drill bits SDS+ Ø 5 or 5,5 mm
- Screwdriver power 600 W min with torque limiter (depth control)
- Bit holder and Torx n°30 driver bit

Marking & labelling:

On product: LR

On packaging:

BETOFAST TB TX30 / 3C + Ø6,6xL + CODE

Quality control:

ISO 9001 certified quality management system according to the certificate in force.

TECHNICAL DATA SHEET n°2340 BETOFAST TB TX30 / 3C Ø6,6 mm

Mounting fastener for mechanically fixed waterproof system



Washer / Plate	Code	Specifications	Corrosion resistance	ETA	Labelling on packaging	Walk resistant	Unscrewing resistant	
ETANCOPLAST HP6 Ø40 + washer Ø70		Breakdown of thermal bridge		ETANCOPLAST HP6: screw L = thickness of tightened – barrel length + 50 mm				
		Washer :	Material: galvanized steel Diameter: 70 mm Thickness: 08/10 ^{ème} mm	-	No	ETANCOPLAST HP6 Ø70 + Barrel length + CODE		
		Barrel :	Material: polyamide PA6 Diameter : 40m					
		Barrel L:	<u>Shock resistance</u> According to l' ETAG 006 <u>Temperature resistance</u> T of fusion = 220°C T of destruction > 300°C Max intermittent T (1 min): 180°C Long-term max T: 100°C					
	231112	50						
	231114	100						
	231116	150						
	231118	200						
Temperature resistance of ETANCOPLAST HP: It's recommended to check the resistance of the membrane in the same conditions. Information given are indicative.								
ETANCOPLAST HP4 L Ø 40 + Rd Ø 70: Allows effortless implementation through insulation.								

ETANCOPLAST HP6 82x40		Breakdown of thermal bridge		ETANCOPLAST HP6: screw L = thickness of tightened – barrel length + 50 mm				
			Material: polyamide PA6	-		ETANCOPLAST HP6 82x40 + Barrel length + CODE		
			<u>Shock resistance</u> According to l' ETAG 006 <u>Temperature resistance</u> T of fusion = 220°C T of destruction > 300°C Max intermittent T (1 min): 180°C Long-term max T: 100°C					
		Barrel L:						
	231102	50						
	231104	100						
	231106	150						
	231108	200						
Temperature resistance of ETANCOPLAST HP: It's recommended to check the resistance of the membrane in the same conditions. Information given are indicative.								

Walk Resistant: According to NF P 30-317

Unscrewing Resistant (In compliance ETAG 006 and norm NF P 30-315) 500 cycles before rotation of 1/4 of a turn and 900 cycles before rotation of 1/2 of a turn.

ETANCOPLAST HP4 L 82x40: Allows an effortless implementation through coatings and insulations.

TECHNICAL DATA SHEET n°2340 BETOFAST TB TX30 / 3C Ø6,6 mm

Mounting fastener for mechanically fixed waterproof system



Washer / Plate	Code	Specifications	Corrosion resistance	ETA	Labelling on packaging	Walk resistant	Unscrewing resistant
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ETANCOPLAST HP6 Ø 40		Breakdown of thermal bridge		ETANCOPLAST HP6: screw L = thickness of tightened – barrel length + 50 mm				
			Material: polyamide PA6 Diameter: 40 mm	-		ETANCOPLAST HP6 Ø40 + Barrel length + CODE		
			Shock resistance According to l' ETAG 006					
			Temperature resistance T of fusion = 220°C T of destruction > 300°C					
		Barrel L:	Max intermittent T (1 min): 180°C					
			Long-term max T: 100°C					
	231112	50						
	231114	100						
	231116	150						
	231118	200						
Temperature resistance of ETANCOPLAST HP: It's recommended to check the resistance of the membrane in the same conditions. Information given are indicative.								

Walk Resistant: According to NF P 30-317

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ETANCOPLAST HP4 L 82x40: Allows an effortless implementation through coatings and insulations.